

CORTEZ, P.

Chlorpromazine in the treatment of tabetic gastric crises. Romanian
M. Rev. 2 no.1:47-49 Jan-Mar 58.

(TABES DOBISALLS, manifest.

Gastric disord., ther., chlorpromazine)

(STOMACH, dis.

tabetic gastric disord., ther., chlorpromazine)

(CHLORPROMAZINE, ther. use

tabetic gastric disord.)

EXCERPTA MEDICA Sec 8 Vol 12/6 Neurology June 59

2976. MORBID ASSOCIATIONS IN NEUROPSYCHIATRY: PSYCHIC DISORDERS OF THE MANIC-DEPRESSIVE TYPE AND NEUROLOGICAL MUSCLE DISEASES (MYOPATHY AND ATROPHIC MYOTONIA) - Asociații morbide în neuro-psihiatrie: tulburări psihice de tip maniaco-depresiv și boli musculare neurologice (miopatie și miotonie atrofică) - Cortez P. and Cortez M. Serv. VIII Psihiat., Spital. 'Prof. Dr. Gh. Marinescu', București - NEUROLOGIA (București) 1958, 3/4 (289-298) Illus. 4

Two case reports are presented of primary muscular disease associated with psychosis. Case 1 is a 25-year-old woman, who from the age of 12 yr. suffered from a scapular-humeral type of muscular dystrophy, with pseudohypertrophy of the muscles of the calf, for which she had been treated with bilateral carotid sinus denervation. In July 1955 she had a brief episode of anxiety, with lowered blood sugar level (0.63 g. l.). In September 1955 she had an episode of abdominal pain with fever, which was followed by the development of a hypomanic state, which lasted 3 months, with subsequent severe mental depression. The condition was diagnosed as atypical manic-depressive psychosis. Case 2 is a 50-year-old man, who was admitted because of a hypomanic state, with speech disorder. The suspicion of dementia paralytica could not be confirmed, although pupil reactions to light were diminished. From the age of 30 yr. he had suffered from narcolepsy. He was a heavy drinker, and at the age of 35 yr. had suffered from gonorrhoea and syphilis. He further complained of sexual impotence. Neurological examination revealed typical symptoms of dystrophia myotonica, including testicular hypotrophy and azoospermia. CSF and EEG were normal. Air insufflation revealed the presence of internal hydrocephalus. The authors suggest a common diencephalic origin of the 3 disorders, dystrophia myotonica, narcolepsy and psychosis, which are present in this case.

Waterman - Amsterdam

STERIADE, M.; CORTEZ, P.

Anatomico-clinical contributions to the study of tabetic cachexia.
Rumanian M Rev. no.3:54-60 '61.

1. This work was carried out in the "I.P.Pavlov" Institute of
Neurology.

(TABES DORSALIS complications) (CACHEXIA case reports)

CORUBO-2.1.		1ST AND 2ND COPIES		PAGE(S) AND PROPERTIES		2	
<p>Adsorption phenomena in solutions. I. Adsorption isotherms for some aliphatic aldehydes in aqueous solutions. G. Florschütz and I. Corubolo. <i>Red. Japonica. Akad. Scienc. Japan</i> 24: 287-88. In the adsorption of the lower aliphatic aldehydes on C from aq. soln. the adsorption isotherm holds only within the following concn. limits: HCHO 0.16 to about 2.43%, MeCHO 0.22 to about 2.23%, EtCHO 0.16 to about 1.94%, PrCHO 0.20 to about 2.41%, and iso-PrCHO 0.20 to somewhat more than 0.90%. Traube's rule holds within the same concn. range for all but HCHO, in which the course of the adsorption is different from that of the other aldehydes. II. Adsorption isotherms for some aliphatic aldehydes in alcoholic solutions. G. Florschütz and M. Engelhardt. <i>Ibid.</i> 24: 15-23. The adsorption of aldehydes on C from solns. in Me, Et and Pr alcs. follows the adsorption isotherm of Freundlich only within a limited concn. range. In MeOH the degree of adsorption follows the natural order from HCHO to PrCHO. In EtOH the adsorption of MeCHO is less than that of HCHO; EtCHO is less adsorbed from PrOH than is MeCHO. In general it can be said that the aldehydes are less adsorbed from alic. contg. the same no. of C atoms. Through <i>Chem. Zentr.</i> 1938, 1, 313. M. G. Moore.</p>							
<p>ABB-5.1. METALLURGICAL LITERATURE CLASSIFICATION</p>							
<p>1ST AND 2ND COPIES</p>							
<p>1ST AND 2ND COPIES</p>							

CORUBOLO, I.

Stabilization of liquid extract from ergot. I. Corubolo, M. Grims, and V. Psutic. *Acta Pharm. Jugoslav. 2: 68-67 (1952)* (German summary).—The liquid ext. from ergot was not completely stabilized by addn. of 1% ascorbic acid. Addn. of 1 1/4% of ascorbic acid stabilized all alkaloids for one year if liquid was kept in a stoppered air-free bottle. An ext. contg. 1% of ascorbic acid and in contact with air lost 40-60% of alkaloids in 8 months; the blank without stabilizer lost 77% in the same period of time. Quinine-HCl was found to be the best stabilizer. The changes in temp. from 6 to 20° as well as change in pH from 1.82 to 6.05 had no effect upon stabilizing action. V. M.

4
3

BW

CORUBOLO, I.: PETRICIC, V.

Preparation of aqueous extracts of ergot; infusum Secalis cornutum.
Acta pharm. jugosl. 3 no.4:263-270 1953.

1. Zavod za farmaceutsku tehnologiju, Farmaceutski fakultet, Zagreb.
Priljeno: 20. XII.1953.
(ERGOT ALKALOIDS, prep. of
*aqueous extracts)

YUGOSLAVIA/Chemical Technology - Chemical Products and Their
Application. Medicinal Substances. Vitamins.
Antibiotics.

H-17

Abs Jour : Ref Zhur - Khimiya, No 17, 1958, 58423

Author : Corubolo Ivl, Kupinic Mirjana, Radisevic Ankica

Inst : -

Title : The Stability of Antibiotics in Emulsions Containing
Water and Their Preparation in Pharmaceutical Practice.
Report I. Emulsions with Penicillin.

Orig Pub : Acta. pharmac. jugosl., 1956, 6, No 2, 105-113.

Abstract : The activity of penicillin (I) in an aqueous solution of
buffer citrate Na-nipagin or -chlorocresol during a 40-
day storage at 20°, is preserved up to 81% while in
emulsions of the oil-water type where the aqueous phase
is a bath of I in a sterile solution of citrate Na-nipa-
gin, it falls in 15 days to 10%; in those prepared

Card 1/2

COUNTRY	: YUGOSLAVIA	H
CATEGORY	: Chemical Technology. Chemical Products and Their Applications. Pharmaceuticals. Vitamins. Antibiotics	
AES. JOUR.	: RZhKhim., No 19, 1959, No. 68775	
AUTHOR	: <u>Coruholo, I.</u>	
INSTITUTE	: -	
TITLE	: Collyria - Unguenta Ophthalmica	
ORIG. PUB.	: Formac. glasnik, 1958, 14, No 6, 281-285	
ABSTRACT	: It is proposed to introduce into the Yugoslavian Pharmacopoeia two new chapters:— "Collyria" and "Unguenta Ophthalmica". All the medications, used in the treatment of eye disorders, must be pre-	

COUNTRY :
CATEGORY :

H

ABS. JOUR. : RZhKhimi, No 19, 1959, No. 68775

AUTHOR :
INSTITUTE :
TITLE :

ORIG. PUB. :

ABSTRACT : in bottles/flasks equipped with eye droppers.

Card:

2/2

CORVAL, M.

② - Rmd
1232. Determination of deuterium in organic compounds. M. Corval and R. Vialla (*Mikrochim. Acta*, 1944, (2), 231-232). The substance is burned in a current of dry air or O₂, combustion being brought about by passing the mixture over an oxidation catalyst at 400° to 420° C. as in the Leco technique. For compounds containing C, H and O, a specially prepared form of MnO₂ is used. The H₂O formed is condensed in a vessel immersed in CO₂ snow, and it is later distilled *in vacuo* into a known volume of H₂O of known density. The density of the mixture is then determined by flotation, and the amount of D₂O is calculated.
A. J. Mue

12-2-54

PETROV, A.P., prof. dr. (Moskva); COS, S. [translator]

Methods of solving some problems in transportation by electronic computers. Zeleznice Jug 19 no.5:10-23 Ny'63.

RUMANIA/Chemical Technology. Chemical Products and Their
Application, Part 3. - Treatment of Natural Gases
and Mineral Oil, Motor and Rocket Fuel, Lubricants.

H

Abs Jour: Referat. Zhurnal Khimiya, No 21, 1958, 71996.

Author : Gheorghe Mozes, Lidia Cosaceanu.
Inst :
Title : Study of Stability of Transformer Oil.

Orig Pub: Electrotehnica, 1957, 5, No 9, 299-304.

Abstract: The results of the study of the anti-oxidizing
effect of 2,6-di-tert-butyl-n-cremol and n-oxydi-
phenylamine on transformer oils (TO) of various
brands, as well as technico-economical consider-
ations regarding the application of anti-oxidants
for rising the TO stability are presented.

Card : 1/1

RUMANIA

COSCIUG, V.; and CRACIUNESCU, V., Experimental Agricultural Station
(Statiunea experimentală agricolă) Podu Iloaie

"Growth of Material Incentives Aimed at Increasing the Animal Production
in the Agricultural Cooperative of the Iassi Region."

Bucharest, Revista De Zootehnie si Medicina Veterinara, Vol 16, No. 7
June 1966; pp 32-43

Abstract: [English summary modified] Review of efforts to increase productivity by using incentive premiums to all workers for production exceeding plan, and method of control and implementation on several cattle farms in Iassi region; dairy production; big farms. Tabulated data on monies paid out in 4 farms in 1965 and of rationale therefor; 3 dairy farms 1963 and 1965 showing increase in production. Figures plainly demonstrate that this method of encouraging special efforts is worthwhile. 3 tables, 7 Rumanian references.

COSCIUG, Valentin, ing.

A positive experiment at the clinker furnace no.7. Constr
Buc 16 no.754:2 20 J '64.

1. Head of the Technical Office, Cement Works, Medgidia.

CONCIUG, Valentin, Ing.

Mechanization of hard operations. Constr Buc 16 no.766:2 12
September 1964.

HAN, E.; COSCODAM T.

"Ways of cost price reduction of construction and assembling work" by Cornel V. Olariu. Reviewed by E. Han, T. Coscodan.
Probleme econ 16 no.8:145-149 Ag'63.

VERNICEANU, A.; COSCODAN, T.

"Economic studies and research." Vol.1. Reviewed by A. Verniceanu,
T. Coscodan. Probleme econ 17 no.7:134-138 J1 '84.

COSCODAN, T.; VEINTRAUB, M.

Possibilities of cost price reduction in local construction organizations. Problems upon 18 no.3:25-38 Mr '65.

ROMANIA

MONCIU, D., MD, Pharmacist; ANTAL, Laurentia, Pharmacist; COSEREANU,
Sanda, Pharmacist; SELEGHANU, I., Pharmacist.

Laboratory for the Control of Medicines of the Pharmaceutical Office
of the Capital (Laboratorul pentru controlul medicamentului al
Oficiului farmaceutic al Capitalei) - (for all)

Bucharest, Farmacia, No 7, Jul 63, pp 429-434

"Contributions to the Study on the Preservation of Extraction
Alcoholic Solutions. (Preservation of Belladonna Tincture and
of Cola Tincture)"

TEODORESCU, P., prof.; ILESCU, V., dr.; IONASESCU, R., dr.; COSERU, C.,
dr.

On a case of benign inoculation reticulosis (cat-scratch disease).
Med. intern., Bucur 12 no.11:1677-1682 N '60.
(CAT-SCRATCH DISEASE case reports)

ROMANIA

COSERU, E., Lt-Col, Dr, and TEODORESCU, C., Lt-Col, Dr [affiliation not given]

"Considerations on the Tonus and Position Changes in the Stomach Under the Condition of Exposure to Acceleration During Flight."

Bucharest, Revista Sanitara Militara, Vol 59, No 3, May-Jun 63, pp 487-490.

Abstract: A study of the etiopathogenic relations between digestive tract affections and conditions encountered during flight. Repeated exposure to acceleration under continuous and normal flight conditions does not lead to lasting changes in the tonus and position of the stomach, except when the flight program and food-hygiene measures are not upheld. The authors suggest that an adequate rest, work and nutrition program is all that is required for continuously flying personnel. Includes 2 figures.

1/1

COSEVSKI, Golub, ing. (Probistip, (lindenska 5)

A new lead-zinc mine under development in the People's Republic of Macedonia. Tehnika Jug 16 no.10:1771-1777 0 '61.

1. Technical manager of the Lead-Zinc Mines of Zletovo, Probistip.

COSIC, Borivoje, Jr.

Diagnosis of primary tuberculosis in children. Tuberkuloza,
Beogr. 7 no.2-3:91-97 Mar-June 55.

1. Decje odeljenje Gradske bolnice u Nisu (Sef: dr. Borivoje Cosic).
(TUBERCULOSIS, PULMONARY, in infant and child,
primary complex, diag.)

COSIC, Borivoje

Two cases of encephalitis morbillosa. Srpski arh. celok. lek.
83 no.12:1478-1481 Dec 55.

1. Decje odeljenje Gradske bolnice u Nisu. Sef: dr. Borivoje Cosic.
(ENCEPHALITIS
measles. (Ser))
(MEASLES, compl.
encephalitis. (Ser))

~~BORIVOJE, LJ.~~ COSIC, 13

DIMITRIJEVIC, Dragoslav, V.; COSIC, Borivoje LJ,

Suppurative hemorrhagic meningitis and its early diagnosis; 2 case reports. Srpski arh. celok. lek. 85 no.6:717-720 June 57.

1. Decije odeljenje Opste bolnice u Mlsu; Sef; dr. Borivoje LJ. Cosic.
(MENINGITIS, MENINGOCOCCIC, in inf. & child
early diag. (Ser))

COSIC, Borivoje, dr.

On the prognosis in tuberculosis in children. Srpski arh. celok.
lek. 88 no.11:1081-1088 N '60.

1. Decje odeljenje Sreske bolnice u Nisu. Sef: dr Borivoje Cosic.

(TUBERCULOSIS in inf & child)

COSIC, B.; HADJI-PESIC, M.

Is the pre-allergic phase of primary tuberculous infection
indicative of clinical symptoms in children? Tuberkuloza 15
no.1:62-64 Ja-Mr '63.

1. Decje odeljenje sreske bolnice, Nis - Sef: doc. dr Borivoje
Cosic.

(TUBERCULOSIS IN CHILDHOOD)

S

GOSIC, B.; HADJI-PESIC, M.; DIMITRIJEVIC, D.

Mortality of tuberculous children treated in a hospital.
Tuberkuloza 15 no.1:120-122 Ja-Mr '63.

1. Decje odeljenje opste bolnice u Nisu - Sef: doc. dr
Borivoje Gosic.

(TUBERCULOSIS IN CHILDHOOD) (MORTALITY)

5

COSIC, Borivoje; DIMITRIJEVIC, Dragoslav

Our experience with the modification of pulmonary tuberculosis in children during the period 1951-1960. Analysis of hospitalized children. Srpski arch. celok. lek. 91 no.11:1015-1020 N°63.

1. Dacje odeljenje Opste bolnice u Nisu; seft doc.dr.Borivoje Cosic.

*

COSIC, B.; DIMITRIJEVIC, D.; ZIVIC, R.

Spontaneous subcutaneous emphysema in granulitis. Tuberkuloza
16 no. 3:234-238 My-Ag '64

1. Decije odeljenje opste bolnice, Nis (Nacelnik: doc. dr. B. Cosic).

COSIC, B., doc. dr.; ZIVIC, R., dr.; DIMITRIJEVIC, D., dr.

Purpura in children. Etiology, pathogenesis and differentiation.
Med. Glas. 18 no.11:381-386 N '64

1.Decije odeljenje Opste bolnice u Nisu (Sef: doc. dr. B. Cosic).

COSIC, B.; MIJALKOVIC, A.; IVKOVIC, T.

Adams-Stokes syndrome as a 1st sign of rheumatic fever.
Reumatizam 13 no.1:12-16 '66.

1. Dječje odeljenje Opšte bolnice u Nisu.

COSIC, Bogdan, Mgr. ek., asistent (Zagreb, Gajeva 38)

Some problems of transport in the European Common Market.
Tehnika Jug 19 no.6: Suppl: Hemindustrija 18 no.6: 1139-
1343 Jo '64.

1. Faculty of Economics, University of Zagreb, Zagreb.

COSIC, D.

Application of static calculation to telegraph and telephone overhead lines. p. 21.

Periodical: TELEKOMUNIKACIJE.

Vol. 8, no. 1, Jan. 1959.

TECHNOLOGY

SO: Monthly List of East European Accessions (EEAI) LC

Vol. 8, no. 4
April 1959, Uncl.

COSIC, Milica, Dr.

Special group of diphtheroid bacteria which are hard to
differentiate from diphtheria bacteria. Glasn. hig. inst.,
Beogr. 5 no.4:1-14 Sec 56.

(CORYNEBACTERIUM DIPHTHERIAE
differentiation from diphtheroid bact. (Ser))

COSIC, V.

Workers' management of Yugoslav Railroads. p 27

ZELEZNICE? (Zeleznicki institut GDJZ) Beograd.

Vol. 12, no. 5, May 1956

SOURCE: East European List (EEL) Library of
Congress, Vol. 6, No. 1, January 1957

KRAMER, Mirko, sanitetski pukovnik, dr.; COSIC, Vojislav, sanitetski
potpukovnik, dr.

A case of poisoning with castor seeds. Vojnosanit. pregl. 19
no.1:53-54 Ja '62.

1. Vojnomedicinska akademija u Beogradu, Klinika za unutrašnje
bolesti.

(RICINUS toxicol)

S

COSIC, Vojislav, sanitetski potpukovnik, dr.; KRAMER, Mirko, sanitetski pukovnik, dr.; GALIĆ, Aleksandar, sanitetski pukovnik, docent, dr.

Effect of radar installations on the human body and results of our studies. Vojnosanit. pregl. 20 no.3:119-126 Mr '63.

1. Vojnomedicinska akademija u Beogradu, Higijensko-hemijski institut, Odeljenje za medicinu rada, Klinika za unutrasnje bolesti.

(RADAR)

S

GALIA, Aleksandar, sanitetski pukovnik d-r; KRAMER, Mirko, sanitetski pukovnik d-r; JOVANOVIĆ, Đusan, sanitetski potpukovnik; ŠKODRIĆ, Sveto, sanitetski major d-r; GOSIĆ, Vojislav, sanitetski major.

Our experience with early diagnosis of trinitrotoluene (TNT) in workers. Voj.san.pregl., Beogr, 17 no.4:474-482. Ap '60.

1. Higijensko-hemijski institut; Odeljenje za higijenu rada ;
Interna klinika - toksikološko odeljenje.
(TRINITROTOLUENE toxicol.)

GOSIC, Vojislav, sanitetski potpukovnik, dr.; JELACIC, Olga vojni
sluzbenik I klase, docent, dr.; KRAMER, Mirko, sanitetski
pukovnik, dr.; MILENKOVIC, Dusan, mr. ph.

Clinical, patho-anatomical and chemo-toxicological considerations
on 5 cases of ethylene glycol antifreeze poisoning. Vojnosanit.
pregl. 21 no.12:775-781 D '64.

COSIC, Vojislav, sanitetski potpukovnik dr.

Acute gasoline poisoning. Vojnosanit. pregl. 23 no.1:24-28 Ja '66.

1. Vojnomedicinska akademija u Beogradu; Klinika za unutrašnje bolesti.

GOSMA, Al., dr., medic primar

A clinical case of the typhoid-like form of human ornithosis.
Microbiologia (Bucur) 9 no.6:539-542 N-D '64

1. Lucrare efectuata in Spitalul de boli contagioase, Oradea.

COSMA, Alex., prof.

New cadres for construction sites; from the experience of
the technical and professional school group in Iasi.
Constr Buc 14 no. 673:4; 1 December 1962.

1. Director-adjunct la Grupul Scolar tehnic profesional,
Iasi.

EXCERPTA MEDICA Sec 9 Vol 13/11 Surgery Nov 59

6452. POTENTIATED ANAESTHESIA BY MEANS OF DECONNECTING DRUGS (PENTOTHAL-CURARINE). A NEW TECHNIQUE FOR PROLONGED I.V. ANAESTHESIA. Anestezia potențată cu deconectante-pentotal-curara. O nouă tehnică de anestezie intravenoasă prelungită - Cosma C. Serv. I de Chir., Spital. Mil., Cluj - CHIRURGIA (București) 1958, 8/1 (83-80)
A technique is reported for i.v. sodium pentothal anaesthesia, prolonging the effect of this substance through potentiation by a lytic mixture given i.v. and curarine.

COSMA, C., ing.

At the Direction of Systematization, Architecture, and Designing
of constructions, Suceava. Constr Buc 14 no.672:3 24 N '62.

1. Directorul Directiei de sistematizare, arhitectura si proiectare
a constructiilor, Suceava.

COSMA, Constanta

Contributions to the geographical study of the industry in the
Bucharest region. Probleme geog 7:209-223 '60. (EEAI 10:3)
(Rumania--Economic conditions)

COSMA, Constanta; PAJOI-BARCO, Aurelia; STAN, C.; STEFANESCU, Ioana.

The textile and ready-made clothing industry in Bucharest.
Ind text Rum 15 no.7:371-375 J1'64

1. Institute of Geology and Geography, Rumanian Academy.

CCSMA, Constantin, ing.

Intensive rate of labor. Constr Buc 16 no. 748:3 9 May '64.

1. Regional Trusts for Housing Construction, Iasi.

COSMA, Constantin

Technical control of quality: organization, method,
results at the Regional Trusts for Housing Construction,
Iasi. Constr Buc 16 no. 764:3 29 Ag '64.

1. Assistant Chief Engineer, Regional Trusts for Housing
Construction, Iasi.

R/009/62/000/007/001/001
D272/D308

AUTHORS: Gosma, Dante, Baicu, Ștefania, Kundacgian, Ardaș
and Hubert, Hilda, Engineers

TITLE: Considerations concerning the production of a ferrite-
martensitic refractory steel for gas turbine blades

PERIODICAL: Metalurgia și construcția de mașini, no. 7; 1962,
586-593

TEXT: The processing of a Nb-containing ferrite-marten-
sitic refractory steel was studied, in an effort to develop a mat-
erial suitable for the construction of gas turbine blades operating
in the temperature interval 550-650°C, with mechanical properties
equal to those of the high Ni-Cr content austenitic steels used for
this purpose. The composition of the starting material was: C 0.16,
Mn 0.76, Si 0.35, Sr 11.40, V 0.30, Mo 0.60, Nb 0.28, Ni 0.48,
N₂ 0.060 and O₂ 0.0080%. Macroscopic and microscopic faults appear
in this steel after the required thermal treatments and these were
eliminated by a series of preventive measures. Blow formation was
Card 1/2

Considerations concerning ...

R/009/62/000/007/001/001
D272/D308

prevented by a considerable reduction of the gas content at the moment of casting; this was accomplished by several complementary actions comprising vigorous boiling of the bath, advanced deoxidation, and lowering of the temperature in certain stages of the process. The strong tendency for trans-crystallization was prevented by increasing the rate of crystallization, by using thin-walled ingot moulds (high temperature gradient) and low casting temperatures ($1540 \pm 20^{\circ}\text{C}$), and by hindering the tendency towards crystal growth by the use of low melting and surface active modifiers (Ca-Si). The formation of parallel linear structures was prevented by elimination of the $\alpha(\delta)$ phase through an addition of 1.75 - 2.75% Ni. The results were highly satisfactory, and allowed austenitic steels to be replaced by the cheaper ferrite-martensitic steels for gas turbine blades. There are 10 figures and 4 tables.

ASSOCIATION: Institutul de cercetări metalurgice (Metallurgical Research Institute)

Card 2/2

R/009/62/000/011/001/002
D272/D308

AUTHORS: Cosma, Dante, Kundacgian, Ardaş, Panaitescu, Florin,
Engineers, Matei, Constantin and Nedelcovici, Valer-
ia, Engineer

TITLE: The steel 40C10 microalloyed with boron

PERIODICAL: Metalurgia şi Construcţia de Maşini, no. 11, 1962,
984-988

TEXT: After a detailed discussion of the theory and practi-
cal experience relating to the microalloying of constructional
steels with B in order to improve their temperability, some results
are presented on an investigation of the effects of microquantities
of B, added to the steel 40C10, upon its temperability and several
of its mechanical properties. Ferroborn (with 16% B) was added af-
ter denitriding and deoxidation of the steel in the furnace by addi-
tions of ferro-titanium and aluminum. The B content in the steel
varied between 0.0003 and 0.0052%, achieving degrees of assimilation
in the range 30-90%. The results were compared with those obtained

Card 1/2

The steel 40Cl0 ...

R/009/62/000/011/001/002
D272/D308

on B-free specimens subjected to the same treatment. No faults were observed in the macroscopic and microscopic examination of the specimens containing B, in comparison with those lacking it. An increase of the temperability (determined in accordance with STAS E 4950-55) by a factor of 1.5-2 was observed in the B-containing specimens, but no variation of the temperability with the B content was noted. The B content caused an increase in the tensile strength and in the yield limit. Comparative diagrams of the variation of the mechanical characteristics as a function of the recovery temperature (400-600°C) for B containing and B lacking 40Cl0 steel have made possible the determination of increases in the yield limit, the elongation, the constriction and the resilience for equal values of the tensile strength. There are 6 figures and 5 tables.

ASSOCIATION: Institutul de cercetări metalurgice (Metallurgical Research Institute)

Card 2/2

IANOVICI, Mircea, ing.; COSMA, Dante, ing.; DROSU, Mihai, ing.;
ROTTENSTEIN, Butu, ing.

Contributions to the study of magnetic characteristics of dead
soft steel for intense field magnetic circuits. Electrotehnica
11 no.7:266-274 J1 '63.

1. Inginer principal la Institutul de fizica atomica al Academiei
R.P.R. (for Ianovici). 2. Sef de sectie la Institutul de cercetari
metalurgice (for Cosma). 3. Sef adj. de sector la Uzinele Vulcan
Bucuresti (for Drosu). 4. Cercetator la Institutul de cercetari
metalurgice (for Rottenstein).

L 54883-65

EMA(d)/EWP(t)/EWF(z)/EWP(b) IJP(c) JD

ACCESSION N: AP5017916

RU/0017/64/000/012/0521/0526

AUTHOR: Rau, Al. (Professor, Engineer); Cosma, D. (Engineer)

TITLE: Contributions to the development of stainless and refractory nitrogen-alloyed steels

SOURCE: Metalurgia, no. 12, 1964, 521-526

TOPIC TAGS: alloy steel, nickel steel, nitrogen, stainless steel, high temperature metal

ABSTRACT: Experiments show that nitrogen can partially replace nickel in steel alloys and improve the properties of the resulting stainless and refractory steels. The occurrence of bubbles is avoided by bubbling argon through the molten alloy and thus removing excess nitrogen. Orig. art. has: 6 figures, 9 graphs, 3 tables.

ASSOCIATION: Rau/Institutul politehnic, Bucharest (Polytechnical Institute); Cosma/Institutul de cercetari metalurgice (Institute for Metallurgical Research)

SUBMITTED: 00

ENCL: 00

SUB CODE: MM

NR REF SOV: 000

OTHER: 021

JPRS

Card

1/1

POP, Emil, acad.; SORAN, Viorel; COSMA, Dorina

Some data on the absorption capacity of cotyledons. Studii biol Cluj
12 no.1:61-72 '61.

1. Universitatea "Babes-Bolyai" Cluj, Laboratorul de fiziologie
plantelor. 2. Membru al Comitetului de redactie si redactor responsabil,
"Studii si cercetari de biologie" [Filiala Cluj, Academia Republicii
Populare Romine] (for Pop).

COSMA, Dorina; SORAN, Viorel; RADOVICI, Maria

Existence of a layer of living cells in seed teguments. Studii cerc
biol veget 13 no.4:441-447 '61.

1. Universitatea "Babes-Bolyai", Cluj, Laboratorul de fiziologie
plantelor. Comunicare prezentata de academician Em. Pop.

COSIC, Dusan, ing.

Additional protection of telegraph and telephone poles.
Telekomunikacije 10 no.1:23-27 Ja '61. (EEAI 10:6)
(Yugoslavia--Telgraph) (Yugoslavia--Telephone)

88097

R/003/60/011/011/004/007

A124/A026

18.7400

AUTHORS: Goldenberg, N., Cosma, E., Engineers

TITLE: Method of Coating Metal Surfaces by Sintering Polyethane Powder in Fluidized Bed

PERIODICAL: Revista de Chimie, 1960, Vol. 11, No. 11, pp. 653 - 657

TEXT: Subject article deals with the protection of metal surfaces against corrosion by coating them with a thin plastic layer. Polyethane proved to be highly resistant against various corroding agents. The best way of application is the sintering of polyethane powder in fluidized bed. This method consists in immersing the preheated metal part in the fluidized polyethane powder, removing the excess powder, and finally applying thermal treatment to obtain a uniform distribution of the polyethane coating. Experiments have been conducted in order to produce a protective coating of a low-pressure Rumanian polyethane. The metal parts have been preheated to 250°C, 280°C and 300°C. Non-preheated air has been used as fluidizing agent. Preheated air of 90°C did not supply better results. The immersion time ranged between 3 - 10 sec. The temperature of the thermal treatment performed in order to obtain a uniform distribution was kept 20 - 30°C below the preheating

Card 1/3

88097

R/003/60/011/011/004/007
A124/A026

Method of Coating Metal Surfaces by Sintering Polyethane Powder in Fluidized Bed

temperature, the treatment itself lasted for 1 - 3 min. The fluidizing vessel consisted of a cylindrical container, 200 mm high, 100 mm in diameter, having at the bottom a glass plate with pores 50 μ in diameter each. This plate serves for the dispersion of the fluidizing agent in the polyethane bed. The air inlet nozzle between the bottom and the glass plate had a diameter of 12 mm. The powder has been fluidized with compressed air and the thermal treatment has been accomplished in a common laboratory drier with automatic temperature control. The polyethane had a fluidity index of 0.6 - 0.7 g/10 min and particles ranging between 0.07 and 0.1 mm. Before being used, the polyethane powder had been dried for 24 hrs at 60°C. The parts were made of 0.5 - 3 mm soft sheet metal. They have been degreased in a 1:1 toluene-acetone mixture and pickled in a 50% sulphuric acid solution. In order to establish the best operation, several preliminary experiments have been conducted. The preheating temperature has a direct effect on the thickness of the coating. The coating is transparent and bright, it is very elastic, and has a perfect adherence. It is resistant to 50% sulphuric acid, 37% hydrochloric acid, 85% phosphoric acid, 50% sodium hydroxide, etc. Good results were obtained in the Laboratorul de Incercare si Prelucrare a Materialelor Plastice (Laboratory for Test-

Card 2/3

88097

R/003/60/011/011/004/007

A124/A026

Method of Coating Metal Surfaces by Sintering Polyethane Powder in Fluidized Bed

ing and Processing Plastic Materials) with a tube coated in fluidized polyethane which operates at 65°C in a 10% sulphuric acid solution. There are 3 tables, 4 figures and 5 references: 1 Rumanian, 1 Soviet, 1 English, 1 German and 1 unidentified.

Card 3/3

L 17205-63

EWB(J)/EWB(q)/BDS AFMTC/ASD

Pc-4

RM/WH

ACCESS ON NR: AP3005754

R/0003/63/014/006/0341/0345

AUTHOR: Goldenberg, N.; Cosma, E.

TITLE: The chromoplastic materials -- a new type of materials used to study the behavior of constructions by means of model tests

SOURCE: Revista de chimie, V. 14, No. 6, 1963, 341-345

TOPIC TAGS: CSDP-30 chromoplastic material, plastic deformation

ABSTRACT: The purpose of the work was to study the properties of chromoplastic materials, particularly CSDP-30 not further identified. The physical-mechanical properties of the substance are given in tabular form, as are the values relating to its tearing behavior and resistance to various stresses. In all these compounds, the appearance of color marks the beginning of plastic deformation. The value at which the color-chromoplastic effect appears depends on concrete test conditions, as shown in a table and several figures. The tests of CSDP-30 at 22°C showed that at application speeds below 66 mm/min, elongation is more pronounced and resistance to breaking is smaller, while the effect appears earlier; above 60 mm/min, elongation declines and resistance to breaking increases. The appearance of the chromoplastic phenomenon is also related to the test temperature.

Card 1/2

L 1 1203-63
ACCESSION NR: AP3005754

Various hypotheses are advanced to explain the chromoplastic phenomenon. The usefulness of the phenomenon lies in its indication of the appearance of plastic articulations and plastifying zones by means of color changes. The theoretical advantages lies in the determination of the behavior of the resistance systems and of the secondary phenomena and in the obtaining of concrete indications instead of hypotheses and mathematically calculated results. Orig. art. has: 8 figures and 4 tables.

ASSOCIATION: None

SUBMITTED: 00

DATE ACQ: 14 Aug 63

ENCL: 00

SUB CODE: CH, MA

NO REF SOV: 000

OTHER: 009

Con 2/2

COSMA, Frederic; KISS, Ladislau, tehnician de normare; IENCIU, Traian;
BARBALATA, St.; ENESCU, Constantin, tehnician; HOTUPAN, Florian,
corespondent; BONCUT, Remus

Problems connected with the organization of production brigades.
Constr Buc 16 no.746:3 25 April'64.

1. Trustul Regional de Constructii de Locuinte, Cluj (for Kiss).
2. Seful serviciului organizarea muncii, Trustul Regional de Constructii de Locuinte, Cluj (for Cosma).
3. Seful serviciului organizarea muncii de la grupul de santiere nr.2 Sibiu, Trustul Regional de Constructii de Locuinte, Brasov (for Ienciu).
4. Seful serviciului organizarea muncii de la grupul de santiere nr.1, Trustul Regional de Constructii de Locuinte, Galati (for Barbalata).
5. Seful serviciului organizarea muncii, Directia generala constructii-montaj, Bucuresti (for Boncut).
6. Trustul Regional de Constructii de Locuinte, Arges (for Enescu).

COSMA, Frederic

The receiving of the new graduates was prepared in advance.
Constr Buc 16 no. 755:4 27 June '64.

1. Head of the Department of Labor Organization in the frame of Regional Trusts for Housing Construction, Cluj.

COSMA, Frideric

Preparation according to the needs. Constr Buc 17 no.789:2
20 F '65.

1. Secretary of the basic organization of the Rumanian Workers
Party of the Regional Trust for Construction, Cluj.

DOMIDE, T., ing.; COSMA, Gerda, ing.

Synthetic reactive trepanine for treating drilling fluids. Petrol
si gaze 12 no.5:213-215 My '61.

L 31858-66

ACC NR: AP6021278

SOURCE CODE: RU/0003/65/016/001/0028/0030

AUTHOR: Domide, T.; Cosma, G. --Kosma, G.

ORG: none

TITLE: Trepanine, a new category of resins for the conditioning of drilling fluids

SOURCE: Revista de chimie, v. 16, no. 1, 1965, 28-30

TOPIC TAGS: resin, sulfonation, polycondensation

ABSTRACT: The authors discuss the preparation and properties of trepanine (Rum. patent), a phenolformaldehydesulphonic resin obtained by omega sulfonation that is used for the conditioning of drilling fluids. Among their conclusions: the molar-limit ratio for obtaining a thermostable resin is smaller in the case of phenolformaldehyde- ω -sulphonic resins than for the phenolformaldehyde resins; the polycondensation speed falls with an increase in the amount of sodium sulphite; the resins may be diluted with the sodium salts of the acids C₁ to C₄ without adverse effects on the properties useful in the conditioning of drilling fluids. Orig. art. has: 3 figures. [JFRS]

SUB CODE: 11, 07 / SUBM DATE: none

Card 1/1 JS

Cosma, GH

ROMANIA/Magnetism - Experimental Methods of Magnetism

F-2

Abs Jour : Fiz Zhur - Fizika, No 4, 1958, No 8409

Author : Cosma Gh.

Inst : Not Given

Title : Oscillographic Method for Investigation of Ferromagnetic Materials.

Orig Pub : Bul. stiant. Acad RPR, Sec. mat. si fiz., 1956, 8, No 4, 887-913

Abstract : A study was made of the possibilities and optimum conditions for using a vacuum tube oscillograph, provided with integrating cells, for the determination of the dynamic curves of cyclic reversal of magnetization at a frequency of 50 cycles of iron and other ferromagnetic materials. Satisfactory results were obtained with specimens of various shapes: rods, strips, wire, etc. The method is suitable both for scientific research and for plant quality control of production. Under suitable choice of the elements of the magnetic circuit and of the integrating cells, the measurement errors do not exceed 1 to 5%.

Card : 1/1

SLAVESCU, M., ing.; COSMA, Gh., ing.; STOENESCU, S.

Investigations on the possibilities of improving the
efficiency of high power centrifugal fans. Energetica
Rum 12 no.12:610-618 D '64.

COSMA, H.

The Uricani Coal Mining Enterprise. Revista Minelor (Mining Journal)
#8:259: Aug 55

STATICESCU, P., ing.; OLTEANU, Gh., dr.; MATEI, A., ing.; MUNTEANU, E.
ing.; LUTSCH, M., ing.; POPA, I., ing.; RACZ, Z., ing.;
COSMA, I., ing.; LENGYEL, V., ing.; LUNGU, C., ing.;
SINGER, M., ing.; CRETU, I., ing.; GRIGORAS, m., ing.;
CRACIUNESCU, C., ing.; COLIS, I., ing.; BACOS, M., ing.;
ALEXANDRESCU, T., ing.; BERZOVAN, I., ing.; TOARNICZSKI, E., ing.;
OCHIANA, S., ing.; MOCANU, E., ing.

Results obtained with different varieties in sugar-beet
growing. Ind alim 14 no.9:342-348 S'63.

1. Fabrica de zahar Giurgiu (for Matei, Munteanu).
2. Fabrica de zahar Bod (for Lutsch, Popa).
3. Fabrica de zahar Tg. Mures (for Racz, Cosma, Lengyel).
4. Fabrica de zahar Roman (for Lungu, Singer).
5. Fabrica de zahar Bucecea (for Cretu, Grigoras).
6. Fabrica de zahar Oltenia (for Craciunescu, Colis).
7. Fabrica de zahar Banat (for Bacos).
8. Fabrica de zahar Arad (for Alexandrescu, Berzovan).
9. Fabrica de zahar Ludus (for Toarniczski, Ochiana).
10. Fabrica de zahar Sascut (for Mocanu).

COSMA, M.

- RUMANIA/Analytic Chemistry - Analysis of Inorganic Substances.

E-2

Abs Jour : Ref Zhur - Khimiya, No 14, 1958, 46433

Author : C. Liteanu, M. Cosma

Inst : -

Title : Rapid Analysis of Lyes Produced in Manufacturing Potassium Chlorate.

Orig Pub : Rev. chi., 1957, 8, No 7, 487-489

Abstract : Lyes produced in the manufacturing of $KClO_3$ by the lime method contain $CaCl_2$, $Ca(ClO)_2$ and $Ca(ClO_3)_2$. For the determination of ClO^- , 20 to 25 ml of 10%-ual H_2SO_4 is added to 10 - 20 ml of 0.1%-ual methyl orange solution, the mixture is heated to 70 or 80° and titrated with the lye to be analysed until the red color of the solution changes into light-yellow. A quantitative reduction of ClO^- takes place under these conditions. The titer of methyl orange solution is found out by

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RUMANIA/Analytic Chemistry - Analysis of Inorganic Substances.

E-2

Abs Jour : Ref Zhur - Khimiya, No 14, 1958, 46433

titration (under the same conditions) with lye, in which the ClO^- content has been determined previously by iodometric titration in an acetic medium. After that, the total amount of Cl^- in the sample is determined by titration with AgNO_3 according to Volgard, and the initial content of Cl^- in the lye is found by the difference between the determined amount of Cl^- and the amount of Cl^- produced by the reduction of ClO^- . ClO_3^- and ClO^- are reduced to Cl^- in another lye sample using FeSO_4 in a neutral or alkaline medium at 80 to 90°, the produced $\text{Fe}(\text{OH})_2$ and $\text{Fe}(\text{OH})_3$ are dissolved in HNO_3 , boiled, and the total amount of Cl^- is determined according to Volgard; the amount of Cl^- corresponding to ClO_3^- is found from the difference. The analysis does not take more than 20 min.

Card 2/2

20

IAROVICI, M., candidat in stiinta economice; COSMA, M.

Economic importance of synthetic fiber utilization in the
textile industry. Probleme econ 15 no.8:31-42 Ag '62.

ENESCU, I., acad.; TACU, V., dr.; COSMA, M., dr.

Grave supraventricular paroxysmal tachycardia after myocardial infarct. Med. int., Bucur. 12 no.1:85-91 Jan '60.

1. Lucrare efectuata in Clinica a III-a medicala, Iasi, director: acad. I. Enescu.
(MYOCARDIAL INFARCT, complications)
(TACHYCARDIA, PAROXYSMAL, etiology)

LITEANU, C.; COSMA, M.

A new method for polarimetric determination of inactive optical isomers. Pt. 2. Studia Univ B-B S. Chem 7 no.2:47-51 '62.

IAROVICU, M., candidat in stiinte economice; COSMA, M., ing.; DODU, A., ing.;
MACOVEI, M., ing.; GIURCA, Virginia; HARDT, Hedi, ing.

Aspects of the comparative economic efficiency of the main textile
technologies. Ind text Rum 15 no.11:573-580 N '64.

1. Institute for Textile Research, Bucharest.

Cosma, Minerva

2

RIEAM, Baluca
SURNAME (in case): Given Name
Country: Rumania
Academic Degree: Academician
Affiliation: --
Source: Bucharest, Comunicare Academice Republicii Romania,
No 4, 1961, pp 409-414.
Data: " A New Radiochemical Method for the Quantitative Determination
Of Potassium."
Co-authors:
MARCU, George, Academician;
COSMA, Minerva, Academician.

Cosma, N.

RUMANIA/Organic Chemistry. Organic Synthesis.

G-2

Abs Jour : Ref Zhur-Khimiya, No 9, 1959, 31412

Author : Silberg, Al., Simiti, I., Cosma, N.,
Proinov, I.

Inst : AS Rumania.

Title : On Some Reactions of Addition to Isothio-
cyanates. I. Addition of Thiosenicarbazides to Isothiocyanates and Study of Properties of Products Obtained.

Orig Pub : Studii si cercetari chim. Acad. RPR. Fil.
Cluj, 1957, 8, No 3-4, 315-333

Abstract : In the research for physiologically active
substances, compounds of the composition
 $RNHCSNHNHCSNHR'$ (Ia to II, where a $R = C_6H_5$,
 $R' = H$; b $R = C_3H_5$, $R' = H$; c $R = \text{Cyclohexyl}$, $R' = H$).

Card : 1/6

RUMANIA/Organic Chemistry. Organic Synthesis.

G-2

Abs Jour : Ref Zhur-Khimiya, No 9, 1959, 31412

$R' = H$; d $R = R' = C_6H_5$; e $R = R' = C_3H_5$;
 f $R = R' = -C_{10}H_7$; g $R = C_6H_5$, $R' = C_3H_5$;
 h $R = C_6H_5$, $R' = \alpha-C_{10}H_7$; i $R = C_3H_5$, $R' =$
 $= \alpha-C_{10}H_7$) were obtained by heating the
 derivatives of thiosenicarbazide $RNHCSNHNH_2$
 (where $R = H$, allyl, phenyl, α -naphthyl)
 with phenyl-, allyl- and α -naphthylthioiso-
 cyanates in C_2H_5N . The Ia obtained were oxidi-
 zed into diimino-1,3,4-thiodiazolidines
 $C(=NR)NHNHC(=NR')S'$ (IIa-IIIi), from which the
 diacetyl derivatives $C(=NR)N(COCH_3)N(COCH_3)-$
 $C(=NR')S'$ (IIIA-IIIi) were prepared. In the
 treatment of Ia-Ic with $SnCl_2$ and H_3PO_4 in
 CH_3COOH containing RCl , the group NHR' splits
 off and thiodiazoles $C(NHR=NN=C(SH)S'$ (IVa-IVd,

Card : 2/6

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RUMANIA/Organic Chemistry. Organic Synthesis.

G-2

Abs Jour : Ref Zhur-Khimiya, No 9, 1959, 31412

is introduced into the solution of 1 g of thiosemicarbazide in 2 ml of C_5H_5N , the mixture is boiled, and Iz is precipitated with alcohol, melt. p. 176°. The following was obtained in a similar way (the substances and the melt. p. in °C are enumerated): Ib, 184 (from water); Ic, 199 (from alc.); Id, 192-193; Ie, 195 (dec., from alc.); If, 175 (from C_5H_5N -alc.); Ig, 184; Ih, 175, Ii, 183-185. The solutions of Ia to Ii in alcohol are heated until the separation of H_2S discontinues, or they are oxidized with I_2 or $FeCl_3$ solutions, and IIa, 212-213; IIb, 112-115; IIc, 229-231, IIId, 248-250; IIe, 190; IIIf, 259-260; IIg, 176-177; IIh, 222-

Card : 4/6

156

RUMANIA/Organic Chemistry. Organic Synthesis.

G-2

Abs Jour : Ref Zhur-Khimiya, No 9, 1959, 31412

225; IIIi, 240-243 are separated. The latter are acetylated into IIIa, 277; IIIb, 253, IIIc, 274, IIId, 229; IIIf, 113-114; IIIf, 285; IIIg, 108-109; IIIf, 200-201; IIIi, 183-184. 2 g of Ia in 10 ml of CH_3COOH and solution of SnCl_2 in HCl are boiled until the components are dissolved, the solvent is distilled off, and the residue is dissolved in 250-300 ml of water. H_2S is passed through the solution, it is evaporated until dry, and IVa, melt. p. 240° (from alc.), is obtained. 2 g of Ia is heated with 60 ml of conc. HCl until H_2S starts to separate out, the mixture is filtered and alkalized to $\text{pH} = 7.5$, and IVb, melt. p. $216-218^\circ$ (from alc.)

Card : 5/6

GOSMA, R., ing.

Mechanization of some works in sugar-beet cultivation in the
Brasov region. Ind alim 16 no.3:141-143 Hr '65.

1. Assistant Director, Bod Sugar Plant.

10

CA

PROCESSES AND PROPERTIES INDEX

Formation of metallic salicylates with urotropine. H. Ripan and S. Cosma (Univ. Cluj, Rumania). *Ann. sci. Univ. Jassy* 1, 29, 51-66(1943).—The following ammine complexes were prepd. by treating the salt in hot H₂O with salicylic acid (X) in hot liq and an excess of urotropine (V). Their formulas were detd. by analysis for the metal and for N. ZnX₂Y₂·3H₂O from Zn(NO₃)₂·6H₂O; ZnSO₄·Y·10H₂O and ZnX₂Y₂·2H₂O (I) from ZnSO₄·7H₂O; I also from ZnCO₃ or Zn(OAc)₂·2H₂O; CdX₂Y₂·5H₂O from Cd(NO₃)₂·4H₂O; CdX₂Y₂·5H₂O from Cd(OAc)₂·2H₂O; HgX₂Y₂ from Hg(NO₃)₂·6H₂O and from HgO; HgX₂Y₂ from Hg(NO₃)₂·6H₂O and from fuming HNO₃; CuX₂Y₂·3H₂O from Cu(NO₃)₂·3H₂O or from fuming HNO₃; CuX₂Y₂·5H₂O from CuOAc₂·H₂O; CuX₂Y₂·5H₂O from Cu(NO₃)₂·3H₂O and HNO₃; CoX₂Y₂·16H₂O from Co(OAc)₂·4H₂O or CoCO₃; and NiX₂Y₂·3H₂O from Ni(OAc)₂. The amines obtained from alk. soln. are hydrated, from acid soln., anhyd. The XY amines are more sol. than the Y benzoates, less sol. than the nitrates and acetates, and their degree of hydration is less than that of the inorg. acid-Y amines. Higher orders of amines are formed in acid soln., e.g. Cu₂X₂Y₂. Slightly ammines are formed in acid soln. like the acetate or salicylate tend to disocd. metallic salts like the acetate or salicylate tend to form ammines poorer in mols. of V. The structure will be studied in a later note.

Janet E. Austin

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

100 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

CA COSMII, S.

The preparation of metallic urotropine salicylates. III.
S. Cosma. *Acad. Rep. Populare Romane, Bul. Stiint.*,
Ser. Mat. Fiz., Chim. 2, 527-31 (1950) (German summary);
Sci. Mgt., Fiz., Chim. 2, 527-31 (1950) (German summary);
Sci. Mgt., Fiz., Chim. 2, 527-31 (1950) (German summary);
cf. C.A. 42, 3746a. — Ripan and Cosma (loc. cit.) have syn-
thesized previously a new series of metalamines with the
general formula M_nX_mUr , where $M = Cu, Zn, Cd, Hg, Co$,
 Ni , $X =$ salicylic acid, $Ur =$ urotropine. Two new Cd
amines and their preps. are described: $Cd_2SO_4X_2Ur_2$,
 $12H_2O$ (I) and $CdX_4Ur_4 \cdot 4H_2O$ (II). They are prepd. by
adding warm alc. salicylic acid and concd. aq. urotropine
solns. to a warm concd. aq. $3CdSO_4 \cdot 8H_2O$ soln. After a
few sec. I seps. as a white ppt.; II seps. 3-4 days later from
the filtrate as white cryst. needles. The use of an excess of
org. base is recommended. Gerhard Aufberger

RUMANIA/Analytical Chemistry - Analysis of Inorganic Substances.

E-2

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 24745

the Au precipitate is filtered off, washed with hot water, alcohol, and ether, dried in a vacuum desiccator and weighed. Ag^+ is first removed by 2-fold precipitation as AgCl . In the presence of other reducible metals (Cu, Hg, Bi) the Au precipitate is first washed with nitric acid.

Card 2/2

13

COSMA, St.; PELTZ, S.

Geologic studies in the Paltinis-Drageasa region (Bistrita Mountains). Dari soama sed 47:33-44 '59/60 [publ. '62].

COSMA, St.; TEODORU, I.; BRESTOIU, Camelia

Geologic research in Central Dobruja (green shales).
Dari seama sed 46:207-224 '58/59 [publ. '62].

STEFAN, Remus; COSMA, Stanciu

Geologic and petrographic research in the Rosia Montana
region (Metaliferi Mountains). Dari seama sed 46:159-175
'58/59 [publ. '62].

COSMA, St.

Report on the G 28 trip in Finland; the 21st International Congress of Geology. Dari seama sed 49 pt.2:289-294 '61-'62 [publ. '64].

1. Submitted February 17, 1961.

COSMA, Tudose, asistent (Galati)

Physical kaleidoscope. Gaz mat B 14 no.6:341-343 Je '63.

COSMA, Tudose, asistent (Galati)

Magnetic field of the earth. Gaz mat B 14 no.10:583-593
'63.

HARAGUS, St.; COSMA, V.; ROSIN, D.

Peripheral arteritis in subjects of rheumatic heart disease.
Probl. reumat., Bucur. Vol. II.:249-258 1954.

(RHEUMATIC HEART DISEASE, compl.
arteritis, peripheral)
(ARTERITIS
peripheral, in rheum. heart dis.)

COSMA, V.

DANIELLO, L., Prof.; COSMA, V., dr.; MOISESCU, V., dr.; PAPILIAN, V.V., dr.;
JOSAN, R., dr.

Notes on toxic hepatitis during hydrazide therapy. Med. int.,
Bucur. 9 no.2:189-198 Feb 57.

1. Lucrare efectuata in Clinica ftiziologica - dir. prof. L. Daniello.
Institutul de anatomie patologica - dir. prof. R. Popa. Clinica
bolilor contagioase din Cluj - dir. prof. I. Gavrilă.

(TUBERCULOSIS PULMONARY, therapy
isoniazid, causing toxic hepatitis)

(ISONIAZID, inj. eff.
hepatitis, in ther. of tuberc.)

(HEPATITIS, etiol. & pathogen.
isoniazid ther. of tuberc.)

COSMA, V., Dr.; GHERMAN, Gr., dr.; PAPILIAN, V.V., dr.

Liver puncture biopsy in clinical practice. Med. int., Bucur.
9 no.2:285-294 Feb 57.

1. Clinica medicala I.P.S.M., Cluj dir. Acad. I. Hatieganu.
Clinica a II-a medicala, Cluj dir. prof. I. Goia. Institutul
de anatomie patologica dir. prof. R. Popa.
(LIVER, pathology
biopsy, puncture, technic & practical value)

EXCERPTA MEDICA Sec 8 Vol 12/1 Neurology Jan 59

517. ASPECTS OF DYSKINESIA OF THE LARGE INTESTINE IN NEUROSIS -
Aspecte ale diskineziei intestinului gros în nevroze - Hatieganu I.,
Cosma V., Veștea Șt., Tănăsescu R., Boieriu I.,
Popescu Șt. and Topan M. Clin. Med. I.P.S.M.F. Cluj - MED.
INTERNA (București) 1958, 10/1 (17-26) illus. 6

The various dyskinesias, which are essentially due to cortico-subcortical dysregulation and states of psychic tension, may assume the appearance of a whole series of diseases and cause the physician to prescribe prolonged medical treatment and even operations. Clinical and radiological observations lead to the following classification of dyskinesias of the colon: functional anomalies (megacolon, dolichocolon), intestinal spasm (pseudostenosis), ileo-caecal spasm ('irritable caecum' and sigmoid spasm (pseudocancer). Neurovegetative dysequilibrium may include amphotony with sympathetic predominance and a certain degree of hypovitaminosis B₁. Antispasmodic drugs are indicated in these conditions.

Nicolaesco - Bucharest (VI,8)

EXCERPTA MEDICA Sec 15 Vol 13/1 Chest Dis. Jan 60

68. ADENOTONSILLECTOMY IN CHRONIC INFANTILE PNEUMOPATHIES.
Considerații asupra adeno-amigdalectomiei în pneumopatiile cronice infantile -
Anghelide R., Cosma D. and Cosma V. - OTO-RINO-LARYNG.
(București) 1959, 4/1 (49-54)

The following diseases are included in the sphere of chronic infantile pneumo-
pathies: primary and secondary tb, chronic interstitial pneumopathies, bronchi-
ectasies, cysts, chronic abscesses, chronic atelectasis, sclerosis, pulmonary
or pleuropulmonary suppurations. Adenotonsillectomy is an adequate and safe
operation. Its indications are comparatively more frequent in infantile pneumology
than in normal children. It is particularly indicated in chronic pulmonary diseases
with hardly reversible or even irreversible lesions. Removal of the adenotonsillar
focus may inhibit the sclerosuppurative tendency in certain cases of pulmonary tb
and of chronic interstitial pneumopathies. (XI, 7, 15)

GOSMA, V., dr.; SERRAN, Al, dr.; POPESCU, St., dr.

Polyangiitis with meningo-cerebral manifestations. Med. int.,
Bucur. 12 no.2:305-309 F '60.

(PERIARTERITIS NODOSA, complications)

(MENINGEAL ARTERIES, diseases)

(CEREBRAL ARTERIES, diseases)

COSMA, V. dr.

Research on disorders of protein balance in bronchopulmonary
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(LUNG DISEASES, blood) (BLOOD PROTEINS, metab.)